



United States Patent Application

SRSI Legal & Claim Services, LLC



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UV Bulk Mail Irradiation System

Abstract

The UV Bulk Mail Irradiation System consists of a chamber for disinfecting mail that has become contaminated by pathogens and spores such as *Bacillus anthracis* (anthrax bacteria) and *Bacillus magaterium* sp. (anthrax spores). Contaminated mail is placed in the chamber. Consideration for the characteristics of the chamber in which the contaminated mail has been placed, the location of the C-band ultraviolet lights, the duration of the sterilization process allow effective elimination of this biohazard from the contaminated mail.

Inventor: **Bacha, Lucas L.**; (League City, TX)

Correspondence **SRSI Legal & Claim Services, LLC**

Name and **Suite 200**

Address: **711 W Bay Area Blvd.**

Webster

TX

77598

US

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